



manufacturing

Dethmers Manufacturing Company

Grain Cart

800 & 950



ASSEMBLY
CALIBRATION
OPERATION
REPLACEMENT PARTS

READ *complete manual CAREFULLY
BEFORE attempting operation.*

Doing Our Best To Provide You The Best

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INTRODUCTION

Thank you for purchasing a Demco Grain Cart. We feel you have made a wise choice and hope you are completely satisfied with your new piece of equipment. Proper care and use will result in many years of service.



WARNING: TO AVOID PERSONAL INJURY OR DEATH, OBSERVE FOLLOWING INSTRUCTIONS:

Ensure that anybody present is clear before applying power to any machinery used in conjunction with grain cart or when moving grain cart.

Never allow anyone in, near, or on grain cart during transporting or unloading of grain. Moving grain is dangerous and can cause entrapment, resulting in severe injury or death by suffocation.

Do not exceed 20 miles per hour when towing grain cart.

GENERAL INFORMATION

1. Unless otherwise specified, high-strength (grade5) (3 radial-line head markings) hex head bolts are used throughout assembly of this piece of equipment.
2. Whenever terms "**LEFT**" and "**RIGHT**" are used in this manual it means from a position behind wagon box and facing forward.
3. When placing a parts order, refer to this manual for proper part numbers and place order by **PART NO. and DESCRIPTION**.
4. Read assembly instructions carefully. Study assembly procedures and all illustrations before you begin assembly. Note which parts are used in each step. This unit must be assembled in proper sequence or complications will result.

SAFETY

TAKE NOTE! THIS SAFETY ALERT SYMBOL FOUND THROUGHOUT THIS MANUAL IS USED TO CALL YOUR ATTENTION TO INSTRUCTIONS INVOLVING YOUR PERSONAL SAFETY AND SAFETY OF OTHERS. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN INJURY OR DEATH!



**THIS SYMBOL MEANS
ATTENTION
BECOME ALERT
YOUR SAFETY IS INVOLVED!**

SIGNAL WORDS:

This manual uses of the following signal words-- **DANGER**, **WARNING**, and **CAUTION**-- with safety messages. The appropriate signal word has been selected using the following guidelines.

DANGER:

Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to most extreme situations typically for machine components which, for functional purposes, cannot be guarded.

WARNING:

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

CAUTION:

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

If you have questions not answered in this manual, require additional copies, or if your manual is damaged, please contact your dealer or Dethmers Mfg. Co., P.O. Box 189, 4010 320th Street, Boyden, IA 51234
ph: (712) 725-2311 or Toll Free: 1-800-543-3626 Fax: (712) 725-2380 or 1-800-845-6420
<http://www.demco-products.com>



SAFETY...YOU CAN LIVE WITH IT



EQUIPMENT SAFETY GUIDELINES

Every year many accidents occur which could have been avoided by a few seconds of thought and a more careful approach to handling equipment. You, the operator, can avoid many accidents by observing the following precautions in this section. To avoid personal injury, study the following precautions and insist those working with you, or you yourself, follow them.

In order to provide a better view, certain illustrations in your owners manual may show an assembly with a safety shield removed. However, equipment should never be operated in this condition. Keep all shields in place. If shield removal becomes necessary for repairs, replace shield prior to use.

Replace any caution, warning, danger or instruction safety decal that is not readable or is missing.

Do not attempt to operate this equipment under the influence of alcohol or drugs.

Review safety instructions with all users annually.

Operator should be a responsible adult. **DO NOT ALLOW PERSONS TO OPERATE OR ASSEMBLE THIS UNIT UNTIL THEY HAVE DEVELOPED A THOROUGH UNDERSTANDING OF SAFETY PRECAUTIONS AND HOW IT WORKS.**

To prevent injury or death, use a tractor equipped with a roll over protective system (ROPS). Do not paint over, remove, or deface any safety signs or warning decals on your equipment. Observe all safety signs and practice instructions on them.

Never exceed limits of a piece of machinery. If its ability to do a job, or to do so safely is in question **DON'T TRY IT.**



LIGHTING AND MARKING

It is the responsibility of customer to know lighting and marking requirements of local highway authorities and to install and maintain equipment to provide compliance with regulations. Add extra lights when transporting at night or during periods of limited visibility.

Lighting kits are available from your dealer or from manufacturer.



SAFETY SIGN CARE

- Keep safety signs clean and legible at all times.
- Replace safety signs that are missing or have become illegible.
- Replacement parts that displayed a safety sign should also display current sign.
- Safety signs are available from your distributor, dealer parts department, or factory.

How to install safety signs:

- Be sure that installation area is clean and dry.
- Decide on exact position before you remove backing paper.
- Remove smallest portion of split backing paper.
- Align decal over specified area and carefully press small portion with exposed sticky backing in place.
- Slowly peel back remaining paper and carefully smooth remaining portion of decal into place.
- Small air pockets can be pierced with a pin and smoothed out using piece of decal backing paper.



TIRE SAFETY

- Failure to follow proper procedures when mounting a tire on a rim can produce an explosion which may result in a serious injury or death.
- Do not attempt to mount a tire unless you have proper equipment and experience to do job.
- Inflating or servicing tires can be dangerous. Whenever possible, trained personnel should be called to service and/or mount tires.
- Always order and install tires and wheels with appropriate type and load capacity to meet or exceed anticipated weight to be placed on the equipment.
- **NEVER** exceed 40 psi tire inflation when using truck tires on gravity flow wagons.
- Refer to “**TIRE INFLATION CHART**” in your owners manual for maximum tire pressure for a Demco Grain Cart.



REMEMBER

Your best assurance against accidents is a careful and responsible operator. If there is any portion of this manual or function you do not understand, contact your local authorized dealer or manufacturer.



BEFORE OPERATION:

- Carefully study and understand this manual and the Owner's Manual.
- Do not wear loose-fitting clothing which may catch in moving parts.
- Always wear protective clothing and substantial shoes.
- It is recommended that suitable protective hearing and eye protection be worn.
- Operator may come in contact with certain materials which may require specific safety equipment relative to handling of such materials. (Examples: extremely dusty, molds, fungus, bulk fertilizers, etc.)
- Keep wheel and lug nuts tightened to specified torque.
- Assure that agricultural implement tires are inflated evenly.
- Give unit a visual inspection for any loose bolts, worn parts, or cracked welds, and make necessary repairs. Follow maintenance safety instructions included in this manual.
- Be sure there are no tools lying on or in equipment
- Do not use unit until you are sure that area is clear, especially around children and animals.
- Don't hurry learning process or take unit for granted. Ease into it and become familiar with your new equipment.
- Practice operation of your equipment and its attachments. Completely familiarize yourself and other operators with its operation before using.
- Make sure that brakes are evenly adjusted (if equipped with brakes)
- Use a tractor equipped with Roll Over Protection System (ROPS) and fasten your seat belt prior to starting the engine.
- Manufacturer does not recommend usage of a tractor with the ROPS removed.
- Move tractor wheels to widest recommended settings to increase stability.
- Do not allow anyone to stand between tongue or hitch and towing vehicle when backing up to equipment.



DURING OPERATION

- Beware of bystanders, **PARTICULARLY CHILDREN!** Always look around to make sure that it is safe to start engine of towing vehicle or move unit. This is particularly important with higher noise levels and quiet cabs, as you may not hear people shouting.
- **NO PASSENGERS ALLOWED-** Do not carry passengers anywhere on or in tractor or equipment.
- Keep hands and clothing clear of moving parts.
- Do not clean, lubricate, or adjust your equipment while it is moving.

- When halting operation, even periodically, set tractor or towing vehicles brakes, disengage PTO, shut off engine, and **remove ignition key**.
- Be especially observant of operating area and terrain. Watch for holes, rocks, or other hidden hazards. Always inspect area prior to operation.
 - DO NOT operate near edge of drop-off or banks.
 - DO NOT operate on steep slopes as overturn may result.
 - Operate up and down (not across) intermediate slopes. Avoid sudden starts and stops.
- Pick the most level possible route when transporting across fields. Avoid edges of ditches, gullies, and steep hillsides.
- Be extra careful when working on inclines.
- Maneuver tractor or towing vehicle at safe speeds.
- Avoid overhead wires or other obstacles. Contact with overhead lines could cause serious injury or death.
- Avoid loose gravel, rocks, and holes; they can be dangerous for equipment operation or movement.
- Allow for unit length when making turns.
- Do not walk or work under raised components or attachments unless securely positioned and blocked.
- Keep all bystanders, pets, and livestock clear of work area.
- Operate towing vehicle from operators seat only.
- Never stand alongside of unit with engine running or attempt to start engine and/or operate machine while standing alongside of unit.
- Never leave running equipment unattended.
- As a precaution, always recheck hardware on equipment following every 100 hours of operation. Correct all problems. Follow maintenance safety procedures.



FOLLOWING OPERATION

- Following operation, or when unhitching, stop tractor or towing vehicle, set brakes, shut off engine and **remove ignition key**.
- Store unit in an area away from human activity.
- Do not park equipment where it will be exposed to livestock for long periods of time. Damage and livestock injury could result.
- Do not permit children to play on or around stored unit.
- Make sure all parked machines are on a hard, level surface and engage all safety devices.
- Wheel chocks may be needed to prevent unit from rolling.



HIGHWAY AND TRANSPORT OPERATIONS

- **SAFETY CHAINS:** If equipment is going to be transported on a public highway, always follow state and local regulations regarding safety chains and auxiliary lighting. Be sure to check with local law enforcement agencies for your own particular regulations. Only safety chains (not elastic or nylon/plastic tow straps) should be used to retain connection between towing and towed machines in event of separation of primary attaching system. Use a high strength, appropriately sized hitch pin with a mechanical retainer and attach safety chains. Criss cross chains under tongue and secure to draw bar cage, mounting loops, or bumper frame.
- Adopt safe driving practices:
 - Keep brake pedals latched together at all times. **NEVER USE INDEPENDENT BRAKING WITH MACHINE IN TOW, LOSS OF CONTROL AND/OR UPSET OF UNIT CAN RESULT.**
 - Always drive at a safe speed relative to local conditions, ensure that your speed is low enough for an emergency stop. Keep speed to a minimum.
 - Reduce speed prior to turns to avoid risk of overturning.
 - Always keep tractor or towing vehicle in gear to provide engine braking when going downhill. Do not coast.
 - Do not drink and drive!
- Comply with state and local laws governing highway safety and movement of farm machinery on public roads.
- Use approved accessory lighting, flags and necessary warning devices to protect operators of other vehicles on highway during transport. Various safety lights and devices are available from your dealer.
- Use of flashing amber lights is acceptable in most localities. However, some localities prohibit their use. Local laws should be checked for all highway lighting and marking requirements.
- When driving tractor and equipment on road under 20 m.p.h. (40 kph) at night or during day, use flashing amber warning lights and a slow moving vehicle (SMV) identification emblem.
- Plan your route to avoid heavy traffic.
- Be a safe and courteous driver. Always yield to oncoming traffic in all situations, including narrow bridges, intersections, etc.
- Be observant of bridge load ratings. Do not cross bridges rated lower than gross weight at which you are operating.

- Watch for obstructions overhead and side to side while transporting.
- Always operate equipment in a position to provide maximum visibility. Make allowances for increased length and weight of equipment when making turns, stopping unit, etc.



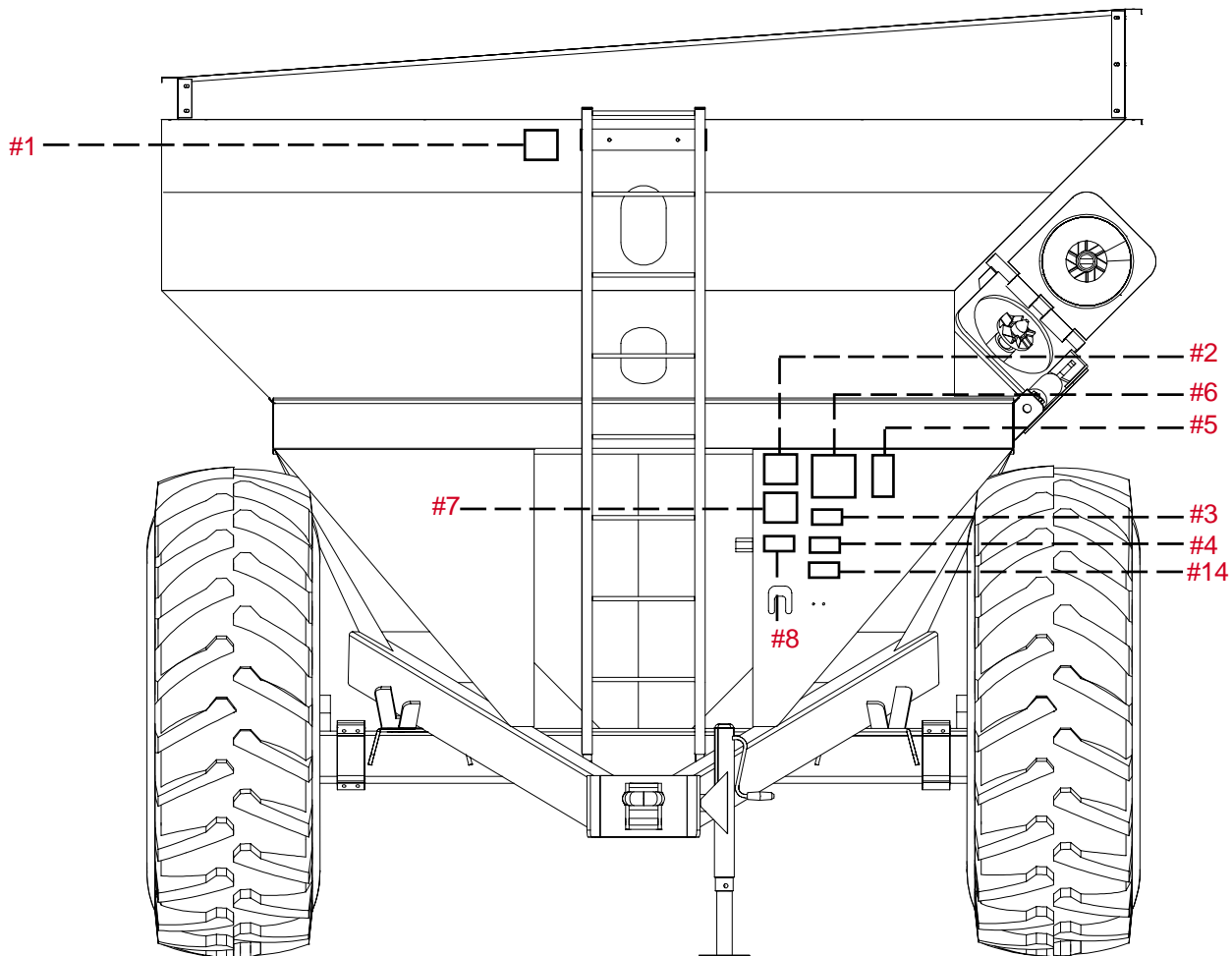
PERFORMING MAINTENANCE

- Good maintenance is your responsibility. Poor maintenance is an invitation to trouble.
- Make sure there is plenty of ventilation. Never operate engine of towing vehicle in a closed building. Exhaust fumes may cause asphyxiation.
- Before working on this machine, stop towing vehicle, set brakes, shut off engine and **remove ignition key**.
- Always use safety support and block wheels. Never use a jack to support machine.
- Always use proper tools or equipment for job at hand.
- Use extreme caution when making adjustments.
- Follow torque chart in owners manual when tightening bolts and nuts.
- Never use your hands to locate a hydraulic leak on attachments. Use a small piece of cardboard or wood. Hydraulic fluid escaping under pressure can penetrate skin.
- Openings in skin and minor cuts are susceptible to infection from hydraulic fluid.
Without immediate medical treatment, serious infection and reactions can occur.
- When disconnecting hydraulic lines, shut off hydraulic supply and relieve all hydraulic pressure.
- Replace **all shields** and **guards** after servicing and before moving.
- After servicing, be sure all tools, parts and service equipment are removed.
- Do not allow grease or oil to build up on any steps or platform.
- When replacing bolts, refer to owners manual.
- Refer to bolt torque chart in owners manual for head identification marking.
- Where replacement parts are necessary for periodic maintenance and servicing, genuine factory replacement parts must be used to restore your equipment to original specifications. Manufacturer will not claim responsibility for use of unapproved parts or accessories and other damages as a result of their use.
- If equipment has been altered in any way from original design, manufacturer does not accept any liability for injury or warranty.
- A fire extinguisher and first aid kit should be kept readily accessible while performing maintenance on this equipment



SAFETY SIGN LOCATIONS

Types of safety sign and locations on equipment are shown in illustration below. Good safety requires that you familiarize yourself with various safety signs, type of warning, and area or particular function related to that area, that requires your SAFETY AWARENESS.

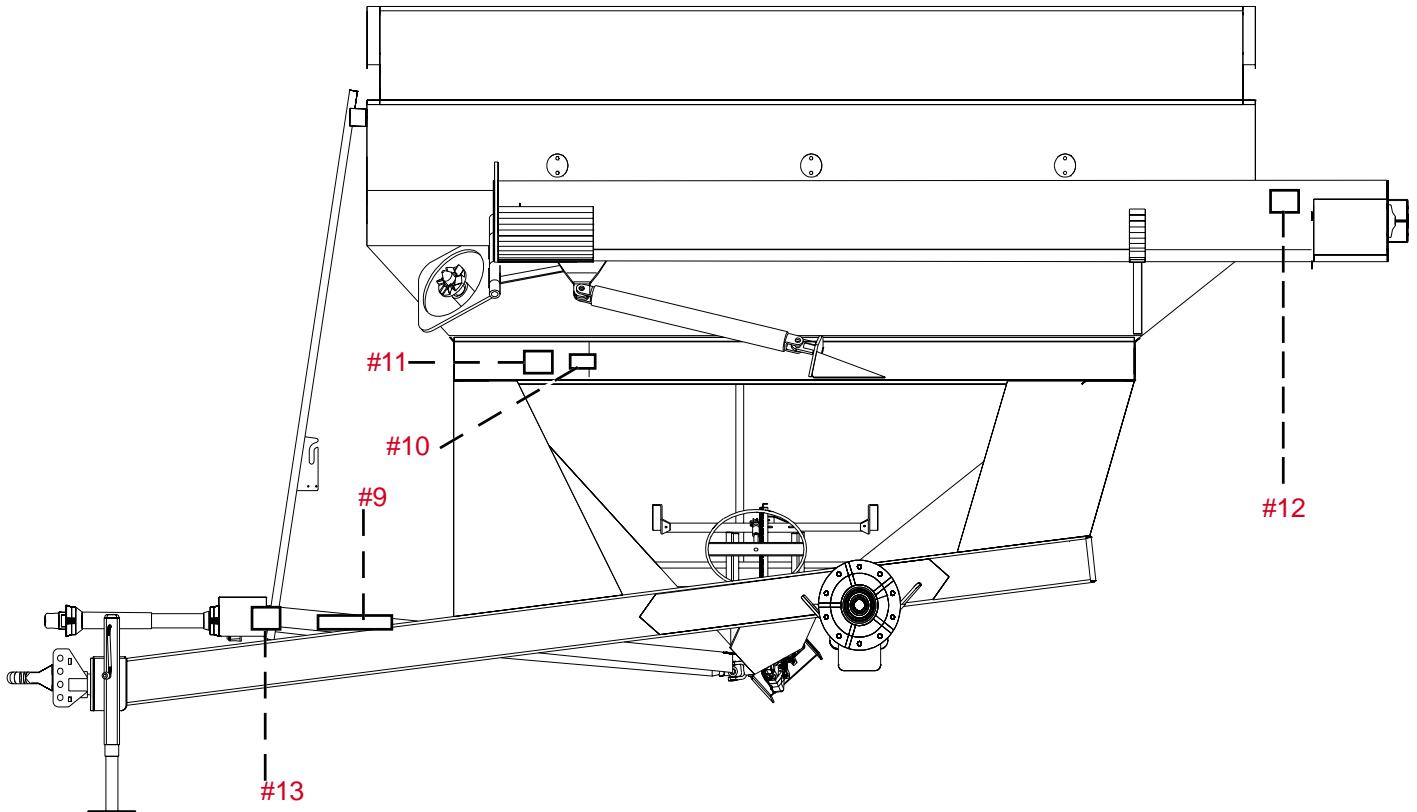


- #1 DANGER - Do not enter grain tank when auger is running!
- #2 DANGER - Keep off ladder while machine is being moved or in operation!
- #3 WARNING - Read and understand the operator's manual!
- #4 WARNING - Keep hands and clothing away from moving parts!
- #5 DANGER - Never play in or on grain! Farm safety just 4 kids!
- #6 DANGER - Electrocution can occur without direct contact with power lines !
- #7 WARNING - Read manual, keep all shields in place, cleaning or clearing a clogged machine, keep hands, feet, and clothing away, do not stand or climb on machine, no riders!
- #8 WARNING - Avoid bodily injuries from hydraulic oil under pressure.



SAFETY SIGN LOCATIONS

Types of safety sign and locations on equipment are shown in illustration below. Good safety requires that you familiarize yourself with various safety signs, type of warning, and area or particular function related to that area, that requires your SAFETY AWARENESS.



- # 9 DANGER - This decal is on pto shaft, Guard is missing do not operate!
- #10 DANGER - Pinch- point keep hands and clothing away from moving parts!
- #11 WARNING - Keep all persons and objects clear while any part of this machine is in motion!
- #12 DANGER - Electrocution can occur without direct contact with power lines!
- #13 DANGER - Rotating driveline!
- #14 WARNING - Do not exceed 20 MPH when towing Grain Cart
- #15 Decal Kit- Decals #1 - #14 are available as a kit.

Decal order number

AG21064



Torque Specifications

Torque figures indicated are valid for non-greased or non-oiled threads and heads unless otherwise specified. Therefore, do not grease or oil bolts or capscrews unless otherwise specified in this manual. When using locking elements, increase torque values by 5%.

* GRADE or CLASS value for bolts and capscrews are identified by their head markings.

BOLT TORQUE DATA FOR STANDARD NUTS, BOLTS, AND CAPSCREWS.

Tighten all bolts to torques specified in chart unless otherwise noted. Check tightness of bolts periodically, using bolt chart as guide. Replace hardware with same grade bolt.

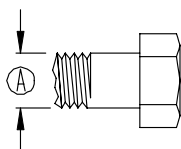
NOTE: Unless otherwise specified, high-strength Grade 5 hex bolts are used throughout assembly of equipment.

Bolt Torque for Metric bolts *

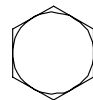
"A"	CLASS 8.8		CLASS 9.8		CLASS 10.9	
	lb-ft	(N.m)	lb-ft	(N.m)	lb-ft	(N.m)
6	9	(13)	10	(14)	13	(17)
7	15	(21)	18	(24)	21	(29)
8	23	(31)	25	(34)	31	(42)
10	45	(61)	50	(68)	61	(83)
12	78	(106)	88	(118)	106	(144)
14	125	(169)	140	(189)	170	(230)
16	194	(263)	216	(293)	263	(357)
18	268	(363)	--	--	364	(493)
20	378	(513)	--	--	515	(689)
22	516	(699)	--	--	702	(952)
24	654	(886)	--	--	890	(1206)

Bolt Torque for Standard bolts *

"A"	GRADE 2		GRADE 5		GRADE 8	
	lb-ft	(N.m)	lb-ft	(N.m)	lb-ft	(N.m)
1/4"	6	(8)	9	(12)	12	(16)
5/16"	10	(13)	18	(25)	25	(35)
3/8"	20	(27)	30	(40)	45	(60)
7/16"	30	(40)	50	(70)	80	(110)
1/2"	45	(60)	75	(100)	115	(155)
9/16"	70	(95)	115	(155)	165	(220)
5/8"	95	(130)	150	(200)	225	(300)
3/4"	165	(225)	290	(390)	400	(540)
7/8"	170	(230)	420	(570)	650	(880)
1"	225	(300)	630	(850)	970	(1310)



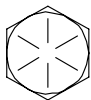
GRADE-2



GRADE-5



GRADE-8



CLASS 8.8



CLASS 9.8



CLASS 10.9

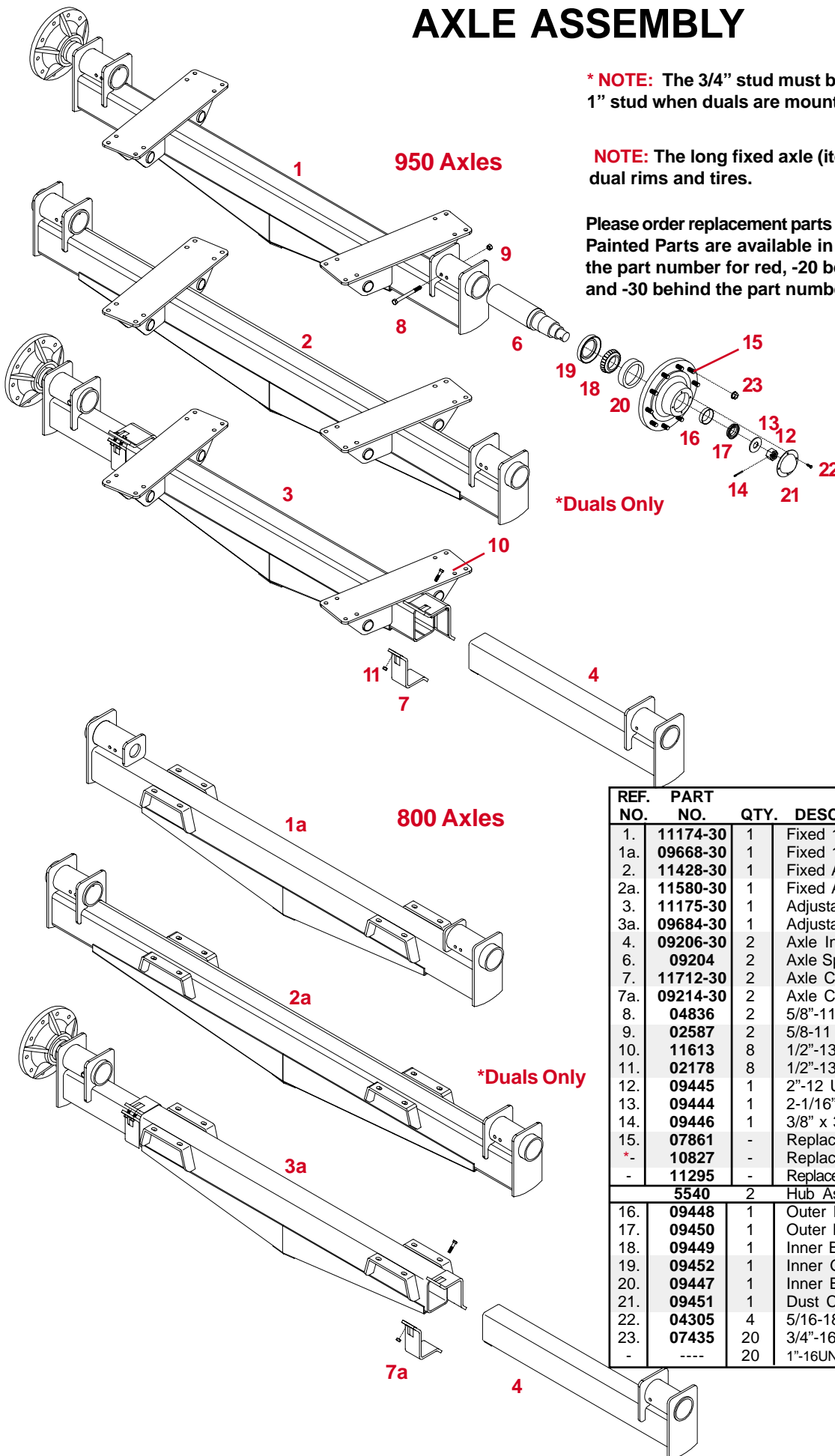


AXLE ASSEMBLY

*** NOTE:** The 3/4" stud must be driven out and replaced with the 1" stud when duals are mounted on the hub of the grain cart

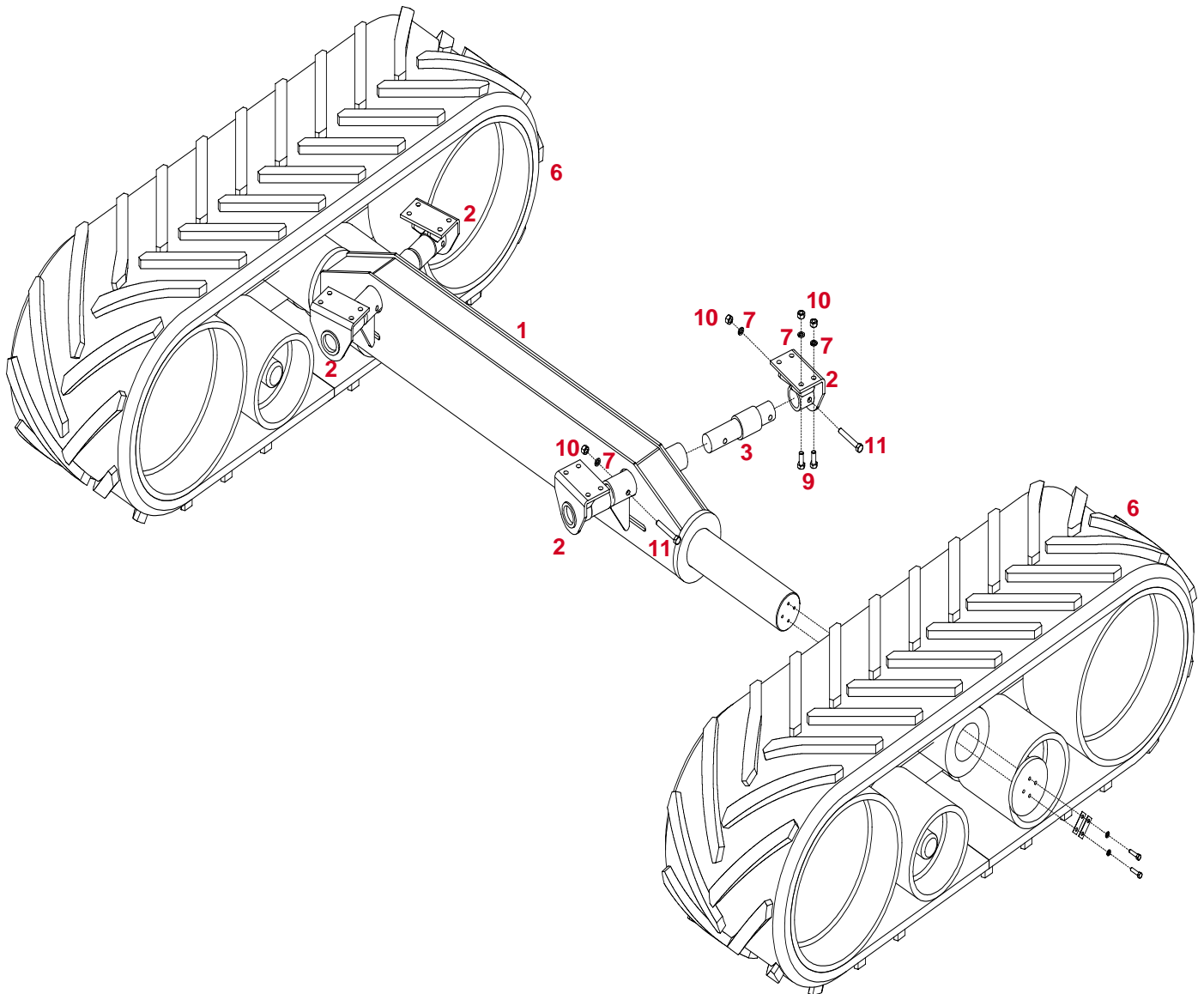
NOTE: The long fixed axle (item #2 & #2a) must be used with dual rims and tires.

Please order replacement parts by PART NO. and DESCRIPTION. Painted Parts are available in Red or Green. Add -10 behind the part number for red, -20 behind the part number for green, and -30 behind the part number for black.



REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	11174-30	1	Fixed 120" Axle (950)
1a.	09668-30	1	Fixed 120" Axle (800)
2.	11428-30	1	Fixed Axle for Duals only (950)
2a.	11580-30	1	Fixed Axle for Duals only (800)
3.	11175-30	1	Adjustable Axle (950)
3a.	09684-30	1	Adjustable Axle (800)
4.	09206-30	2	Axle Insert
6.	09204	2	Axle Spindle
7.	11712-30	2	Axle Clamps (950)
7a.	09214-30	2	Axle Clamps (800)
8.	04836	2	5/8"-11 UNC x 7" Hex Head Bolt
9.	02587	2	5/8-11 UNC Nylon Insert Locknut
10.	11613	8	1/2"-13 UNC x 2-1/2" Hex Head Bolt (Gr. 8)
11.	02178	8	1/2"-13 Nylon Insert Locknut
12.	09445	1	2"-12 UNF Castle Nut
13.	09444	1	2-1/16" ID x 4" OD x 1/4" Washer
14.	09446	1	3/8" x 3" Cotter Pin
15.	07861	-	Replacement 3/4"NF x 2-3/4" Stud Bolt
*	10827	-	Replacement 1"NF x 4" Stud (Duals ONLY)
-	11295	-	Replacement 3/4"NF x 2-3/4" Stud (35.5 x 32 only)
5540		2	Hub Assembly(Includes items16-22)
16.	09448	1	Outer Bearing Race (HM212011)
17.	09450	1	Outer Bearing (HM 212049)
18.	09449	1	Inner Bearing (HM 218248)
19.	09452	1	Inner Grease Seal (CR43771)
20.	09447	1	Inner Bearing Race (HM218210)
21.	09451	1	Dust Cap
22.	04305	4	5/16-18 UNC x 1/2" Hex Head Bolt (Gr.5)
23.	07435	20	3/4"-16 UNF Lug Nut
-	----	20	1"-16UNF Lug Nut w/ washer (Incl.with10827 stud bolt)

TRACK AXLE ASSEMBLY



REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	12270-30	1	Track Axle Assembly (RWF Bron)
2.	10939-30	4	Axle Mounting Plates
3.	10940	4	Weigh Bar
4.			
5.			
6.	12269	2	Rubber Track (STX Quad Goodyear)
7.	00254	24	1/2" Spring Lockwasher
8.			
9.	11097	16	3/4"NC X 2.00" Hex Head Bolt (Gr. 8)
10.	11098	24	3/4"NC Hex Nut (Gr. 8)
11.	11099	8	3/4"NC X 5.00" Hex Head Bolt (Gr. 8)

Please order replacement parts by PART NO. and DESCRIPTION.

*** NOTE:** Refer to RWF Bron® owner/parts manual for proper maintenance and operation of the tracks on this grain cart.

AUGER ASSEMBLY

NOTE: Be sure to check and lubricate the inner gate when doing the maintenance on page 27 or every 20 hours.

NOTE: Be sure to check and lubricate the slide gate guide rods when doing the maintenance on page 19.

Lower auger shown here for clarity

REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	12517-?	1	Outer Auger Tube (-10 for red, -20 for green)
2.	12432-30	1	Outer Auger Flighting
3.	10634	1	Flange Bearing
4.	09168	4	Upper Auger Spring
5.	01922	1	1-1/2"-12 UNF Hex Nut w/ Set Screw Hole
6.	01923	1	1/4" Socket Hd. Cup Point Set Screw x 1/4"
7.	00789	1	3/8"-16 UNC x 3/8" Socket Head Set Screw
8.	01975	4	1/2"NC x 5" Hex Head Bolt (Gr. 5)
9.	10607	1	Gear Box
10.	01254	15	1/2"-13 UNC x 1-1/2" Hex Head Bolt (Gr.5)
11.	00084	4	1/2" Lockwasher
12.	10623-30	1	Lower Drive
13.	10613-30	1	Lower Auger Flighting
14.	09203	2	Slide Rod
15.	00523	2	3/8"-16 UNC x 1-1/4" Hex Head Bolt (Gr.5)
16.	02592	10	3/8"-16 Nylon Insert Locknut
17.	11099	1	3/4"-10 UNC x 5" Hex Head Nut (Gr.8)
18.	02961	2	3/4"-10 UNC Nylon Insert Locknut
19.	09185	1	2" Hanger Bearing
20.	00482	2	1/2"-13 UNC x 1 3/4" Hex Head Bolt (Gr.5)
21.	09195-30	1	Hanger Bearing Mount
22.	10624-30	1	Hanger Bearing Plate
23.	07412	1	1 1/4"-12 UNF Jam Nut
24.	00085	6	1/2" Flatwasher
25.	02178	16	1/2"-13 UNC Nylon Insert Locknut
26.	12233-30	1	Male Auger Connection
27.	10604-30	1	Gauge Rod
28.	12537-30	1	Inner Door
29.	03738-95	2	1" Dia x 3" Cylinder Pin

REF. NO.	PART NO.	QTY.	DESCRIPTION
30.	00116	4	5/32" x 1-1/2" Cotter Pin
31.	05195	2	Straight Hyd. Ftg. 3/8" MPT x 3/8" JIC
32.	09930-30	1	2-1/2" Cylinder x 30" Stroke
-	5584	-	Hydraulic Cylinder Seal Repair Kit (not shown)
33.	00083	1	1/2"-13 UNC Hex Head Nut
34.	05191	1	36" Hydraulic Hose
35.	09172	2	3/8" JIC Bulkhead 45° Elbow Ftg. W/Nut
36.	09741-30	1	Adjustable Cylinder Clevis End
37.	12516-30	1	Discharge Chute Drive Ring
38.	04642	5	Grease Zerk
39.			
40.	05215	1	3/8" MPT x 3/8" FPT Hyd. Elbow Fitting
41.	05190	1	48" Hydraulic Hose
42.	12028	1	Outer Drive Casting
43.	10525	1	3/4"-10 UNC x 6" Hex Head Bolt Gr. 8
44.	09218-95	7	Hose Keeper, 2 Hose (plated)
45.	12393	1	Discharge Chute, left half
46.	12394	1	Discharge Chute, right half
47.	12515-30	1	Cylinder mount
48.	12522-30	1	Cylinder
49.	12513-30	1	Trolley Bottom
50.	12514-95	1	Trolley Spacer
51.	12512-30	1	Trolley Top
52.	09283	5	Sheave Bushing
53.	09282	5	Plastic Sheave
54.	12531-95	5	Cable Retainer Washer
55.	01253	2	1/2"-13UNC x 2" Hex Head Bolt (Gr.5)
56.	09437	1	Discharge Light
57.	12555-30	1	Light Bracket
58.	05290	1	1/2"-13UNC x 3 1/4" Hex Head Bolt (Gr.5)
59.	01899	15	3/8"-16UNC x 3/4" Hex Head Bolt (Gr.5)
60.	12549-30	4	Mount Ring Retainer Backplate
61.	12550	4	Plastic Mount Ring Spacer
62.	12667-95	8	Mount Ring Bushing
63.	00060	9	3/8" Lockwasher
64.	00908	8	3/8"-16 UNC x 1 3/4" Hex Head Bolt (Gr.5)
65.	02990	20	5/16"-18UNC x 1" Hex Head Bolt (Gr.5)
66.	02802	20	5/16"-18UNC Nylon Locknut
67.	07872	30	5/16" Flatwasher
68.	12528	1	Long Cable (pg. 17)
69.	12529	1	Short Cable (pg. 17)
70.	00482	1	1/2"-13UNC x 1 3/4" Hex Head Bolt (Gr.5)

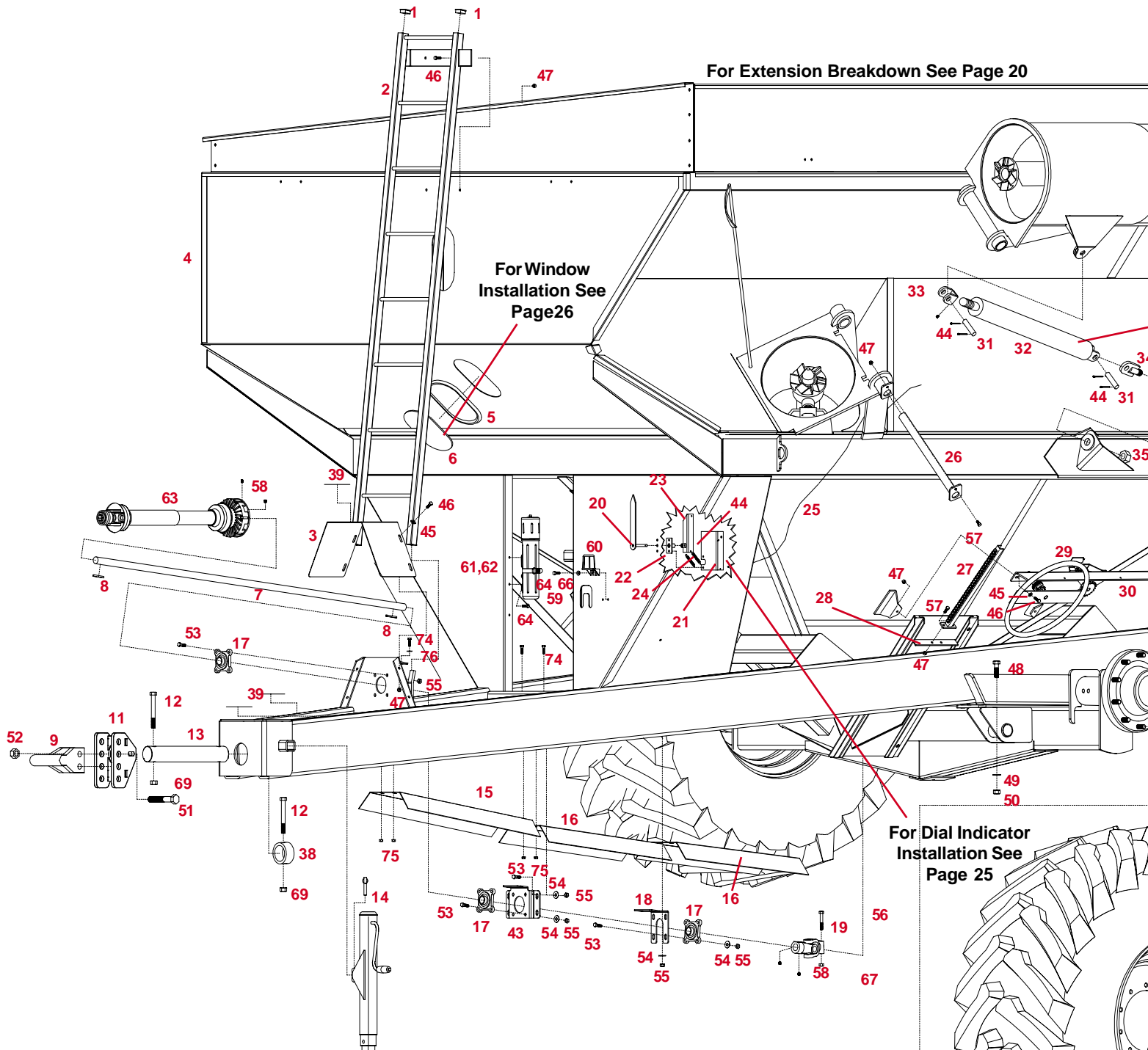
Diagram illustrating the rear suspension system, showing the rear axle assembly and shock absorbers. The diagram is labeled with 68 and 69, indicating the rear axle and shock absorber components respectively.

This diagram illustrates the assembly of a hydraulic system. The components are numbered as follows:

- 1**: Hydraulic hose with fittings.
- 2**: Hydraulic hose with fittings.
- 3**: Bolt for mounting the actuator.
- 4**: Nut for the actuator.
- 5**: Hydraulic actuator.
- 6**: Mounting plate for the actuator.
- 7**: Bolt for the mounting plate.
- 8**: Nut for the actuator.
- 9**: Mounting plate for the actuator.
- 10**: Hydraulic cylinder.
- 11**: Bolt for the mounting plate.
- 12**: Mounting plate for the actuator.
- 13**: Bolt for the mounting plate.

Page 17

GRAIN CART ASSEMBLY



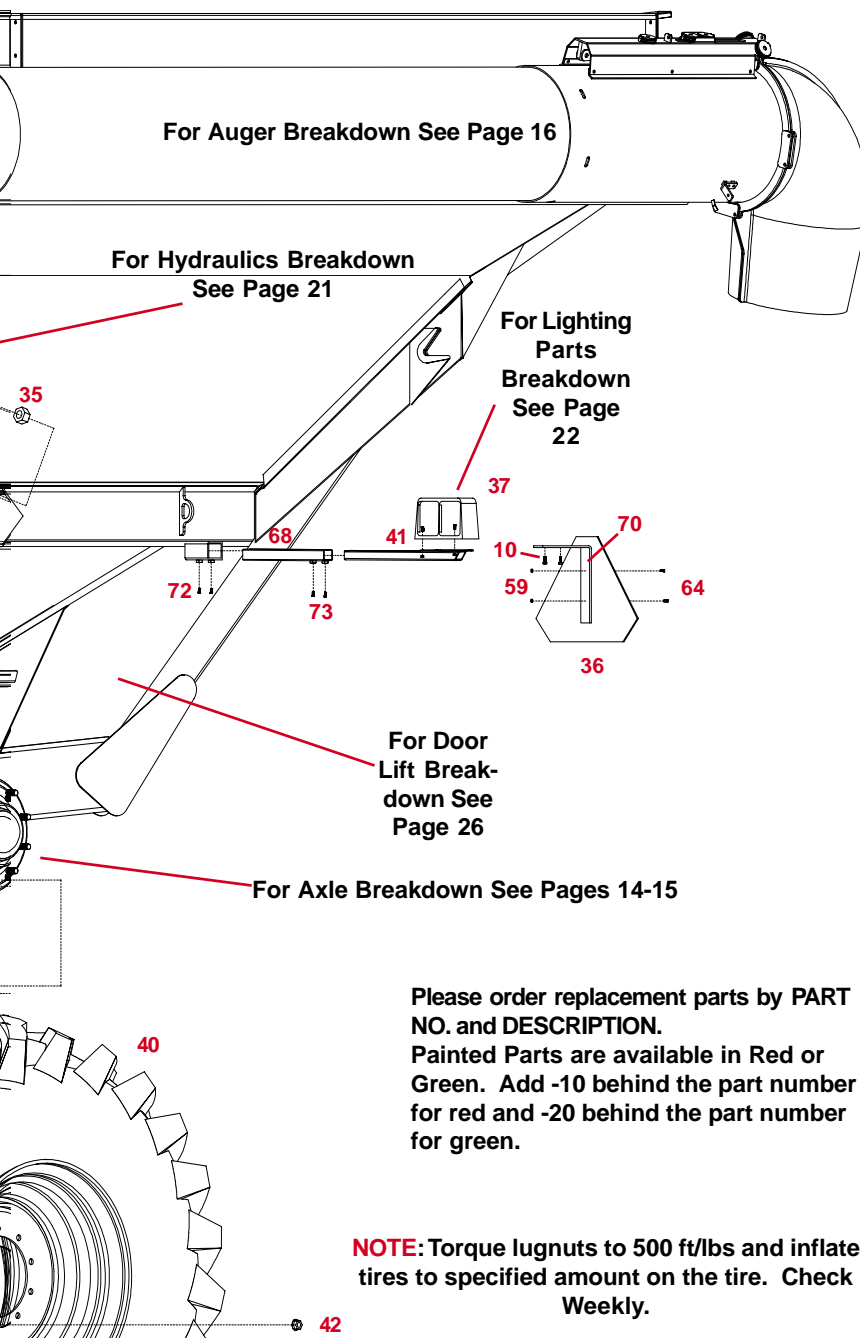
WARNING: BE CERTAIN ALL POWER IS OFF WHEN CONNECTING PTO OR HYDRAULIC LINES TO TRACTOR

- Connect Grain Cart to tractor using a good quality hitch pin. Attach a safety chain.
- Attach power take-off shaft to tractor. Check tractor drawbar and adjust to allow clearance.
- Raise jack stand and place to rear storage position.
- Make sure no debris is in the grain cart.
- Attach hydraulic lines to tractor.
- Connect lighting hook-up to tractor.

LOADING AND UNLOADING GRAIN

- With the gate indicator in the closed position, fill the box with grain.
- With the PTO disengaged, extend auger.
- Start PTO at a **slow rate of speed** until the upper and lower drives are engaged.
- Increase PTO speed and open the inner gate halfway. When grain begins to flow, open gate to full position.
- Once grain stops flowing, return gate to closed position.
- Never exceed 1000 RPM on the system.
- Never fill grain cart unless inner gate is closed.

GRAIN CART ASSEMBLY AND OPERATION

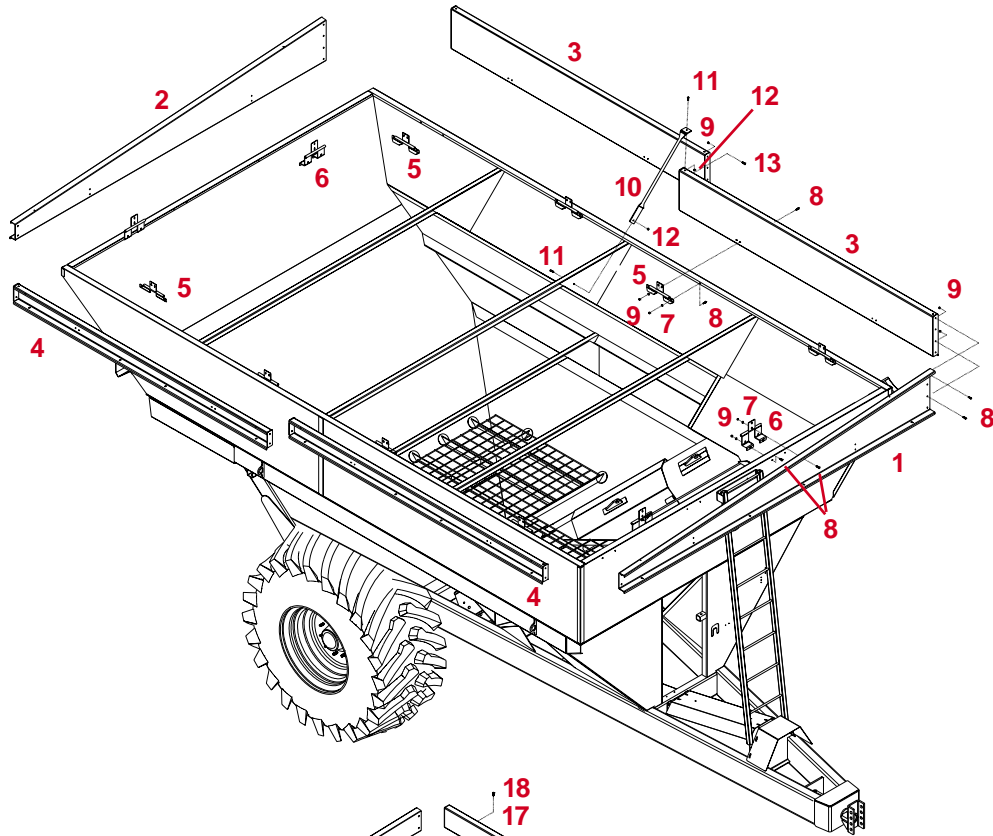


- Disengage PTO and allow it to come to a complete stop. Auger is now ready to fold to stored position.
DO NOT PULL THE GRAIN CART UNLESS THE AUGER IS IN THE STORED POSITION.
- Never fold or extend auger unless PTO is completely stopped.
- Never engage auger when system is moving at a high rate of speed.
- Never do maintenance work or service cart while the tractor is running.

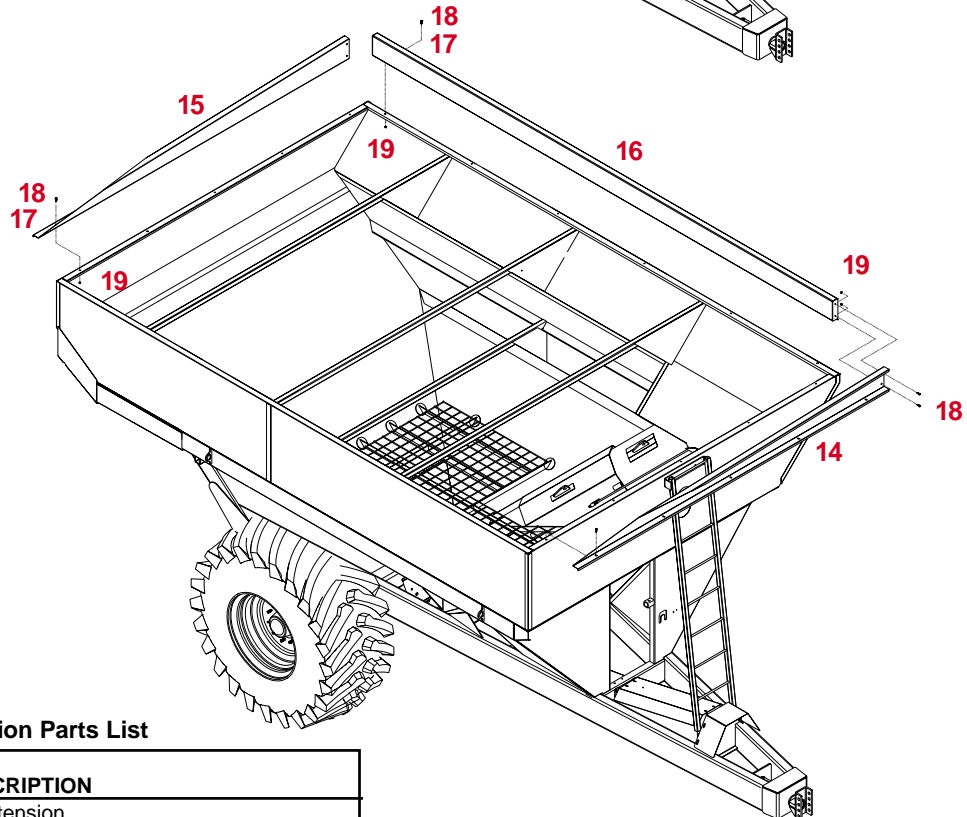
REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	03159	2	Square Cap Plug
2.	10621-30	1	Ladder
3.	10609-30	1	PTO Shaft Guard Step
4.	12540-?	1	Undercarriage/Box for 950 Grain Cart
-	12539-?	1	Undercarriage/Box for 800 Grain Cart
5.	07310	2	Rubber Grommet for Window
6.	07276	2	Window
7.	10612	1	Drive Shaft for 950 BU Grain Cart
8.	10622	2	5/16" x 5/16" x 2-3/4" Key
9.	12350-30	1	Category 4 Forged Hitch Base, Austempered
10.	07594	2	3/8" x 1" Thread Cutting Bolt
11.	12346-30	1	Pintle Ring Mount
12.	11698	2	7/8" x 5 1/2" Hex Head Bolt Gr. 8
13.	10814	1	Hitch Pin
14.	09219-30	1	7000# Sidewind Jack with Mount
15.	10610-30	1	Front Safety Shield
16.	10611-30	2	Rear Safety Shield
17.	10633	3	35mm 4-Bolt Flange Bearing
18.	10617-30	1	Bearing Mount for Drive Shaft
19.	10615	1	Universal Joint
20.	10658-30	1	Pointer Assy.
21.	10659-30	1	Dial Indicator Plate
22.	10660-30	1	Pointer Mounting Plate
23.	10661-30	1	Pointer Brkt Assy.
24.	10673	2	Tension Spring for Pointer
25.	10080	1	Cable For Pointer
26.	10631-30	1	Folding Pin
27.	10637-30	1	Door Lift Channel
28.	10620-30	1	Lower Outside Door
29.	10629-30	1	Door Lift Wheel
30.	11525-30	1	Door Lift Mount
31.	03738-95	2	1" x 3" Cylinder pin
32.	09930-30	1	Hydraulic Cylinder
33.	09741-30	1	Adjustable Cylinder End
34.	09198-30	1	Folding Cylinder Mount
35.	07412	2	1-1/4" Jam Nut
36.	12126	1	SMV Sign
37.	10032	1	Left Ag Light
--	10033	1	Right Ag Light
38.	12375-30	1	Hitch Stop Collar
39.	61681	7	1" Anti-Skid Tape
40.	9445208	2	Single Wheel (30.5L x 32 24 ply Tire)(Rim Incl.)
--	10401-56	2	VA27 x 32 Rim
--	9445204	2	Single Wheel (30.5L x 32 12 ply Tire)(Rim Incl.)
--	09381-56	2	DW27A x 32 Rim
--	--	2	Dual Wheel (520/85R-38 Tire)(Rims Incl.)
--	10830	4	Dual Rim
41.	11565-30	2	Light Mount
42.	07435	20	3/4"-16 UNF Lug Nut
43.	10816-30	1	Bearing Mount
44.	00116	5	5/32" x 1-1/2" Cotter Pin
45.	00059	12	3/8" Flatwasher
46.	00523	6	3/8" x 1-1/4" Hex Bolt (Gr. 5)
47.	02592	27	3/8" Nylon Insert Locknut
48.	05047	16	3/4"-10UNC x 2-1/2" Hex Head Bolt (Gr. 5)
49.	00492	16	3/4" Flatwasher
50.	02961	16	3/4"-10UNC Nylon Insert Locknut
51.	09454	2	1"-14 UNF x 6-1/2" Hex Head Bolt (Gr. 8)
52.	09455	2	1"-14 UNF Stover Locknut
53.	01254	18	1/2" x 1-1/2" Hex Head Bolt (Gr. 5)
54.	00085	20	1/2" Flatwasher
55.	02178	18	1/2" Nylon Insert Locknut
56.	05103	1	5/8" x 3-1/2" Hex Head Bolt (Gr. 5)
57.	00907	22	3/8" x 1" Hex Head Bolt (Gr. 5)
58.	05256	4	3/8"-16 UNC x 1/2" Socket Head Set Screw
59.	02772	4	1/4" Nylon Insert Locknut
60.	10277	1	Electrical Plug Holder
61.	10241	1	Owner's Manual Cannister
62.	10242	1	Owner's Manual Cannister Bracket
63.	11862	1	1-3/4" PTO Shaft
64.	04055	4	1/4" x 1" Hex Head Bolt (Gr. 5)
65.	00639	8	1/2" x 1-1/2" Set Screw w/00640 Jam Nut
66.	00214	2	1/4" Flatwasher
67.	02587	1	5/8" Nylon Insert Locknut
68.	11568-30	2	Light Mount Reciever
69.	10678	2	7/8" Nylon Insert Locknut
70.	12468-30	1	SMV Sign Bracket
72.	00639	4	1/2" x 1 1/2" Square Head Bolt
73.	00209	4	3/8" x 1" Square Head Bolt
74.	02990	14	5/16" x 1" Hex Head Bolt
75.	02802	14	5/16" Nylon Insert Locknut
76.	00004	22	5/16" Flatwasher

800 & 950 EXTENSION ASSEMBLY

950 Grain Cart



800 Grain Cart



950 Extension Parts List

REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	10625-30	1	Front Extension
2.	10630-30	1	Rear Extension
3.	10626-30	2	Left Extension
4.	10627-30	2	Right Extension
5.	10758	8	Side Hinge
6.	10759	4	Front & Rear Hinge
7.	00004	80	5/16" Flatwasher
8.	01263	92	5/16" x 3/4" Hex Hd. Bolt Gr. 5
9.	02802	98	5/16" Locknut
10.	10668-30	1	Cross Angle Brace
11.	00907	2	3/8" X 1" Hex Head Bolt (Gr. 5)
12.	02592	2	3/8" Nylon Insert Locknut
13.	02990	6	5/16" x 1" Hex Head Bolt Gr. 5

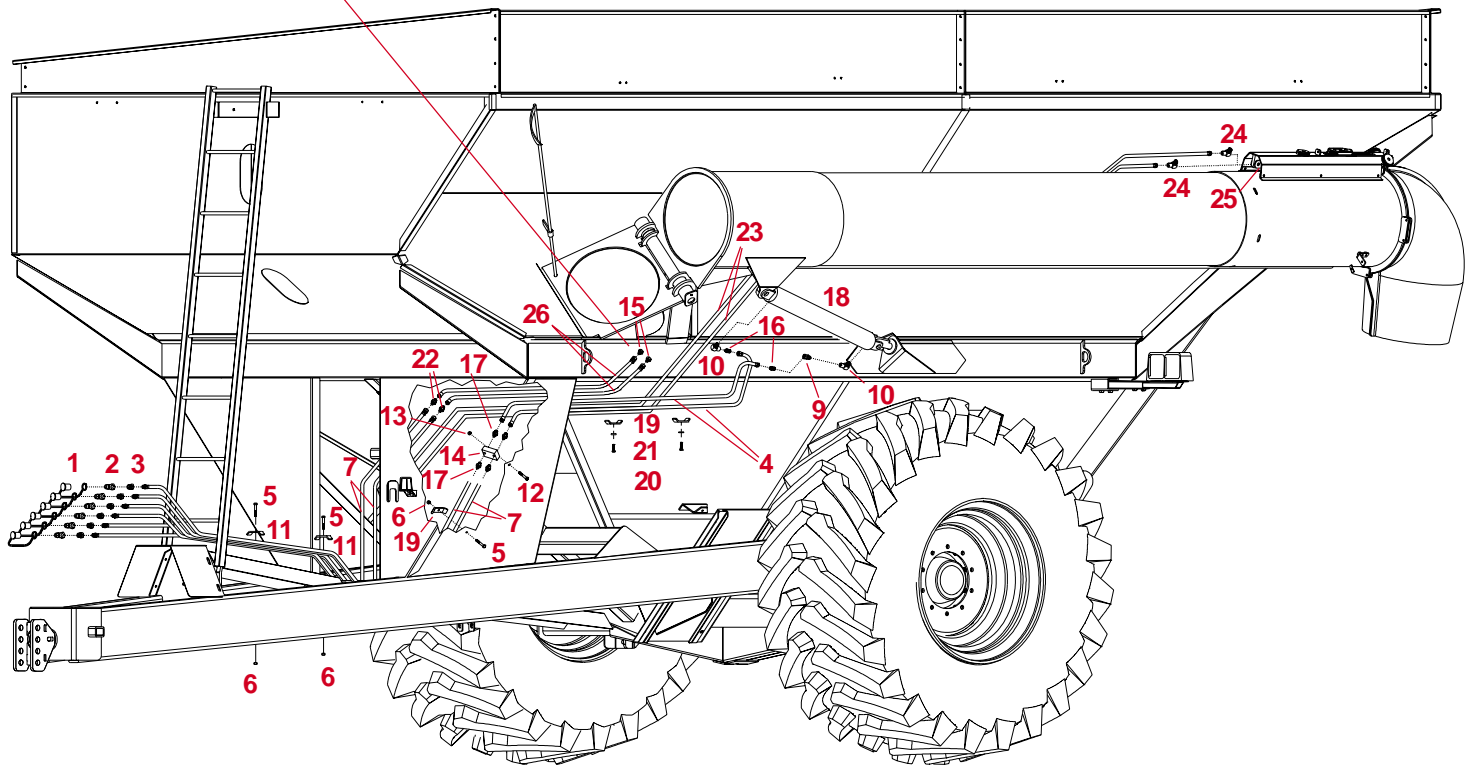
800 Extension Parts List

REF. NO.	PART NO.	QTY.	DESCRIPTION
14.	11510-30	1	Front Extension
15.	11511-30	1	Rear Extension
16.	11512-30	1	Left Extension
17.	00004	16	5/16" Flatwasher
18.	01263	20	5/16" x 3/4" Hex Hd. Bolt Gr. 5
19.	02802	20	5/16" Locknut

Please order replacement parts by PART NO. and DESCRIPTION.

HYDRAULIC PARTS AND ASSEMBLY

Item #8 & #27 are on opposite side of fittings inside box

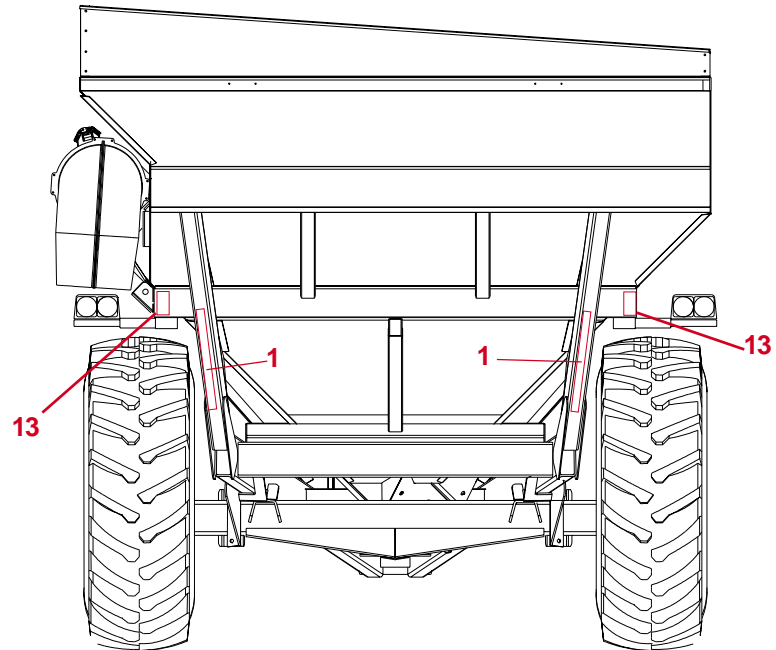
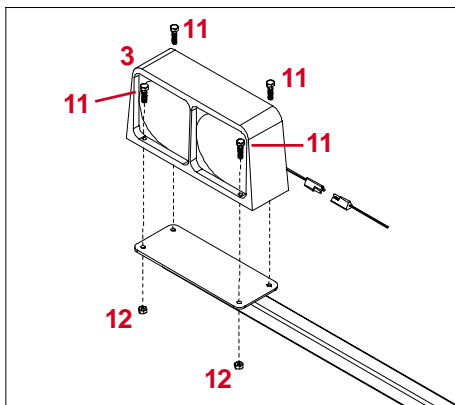
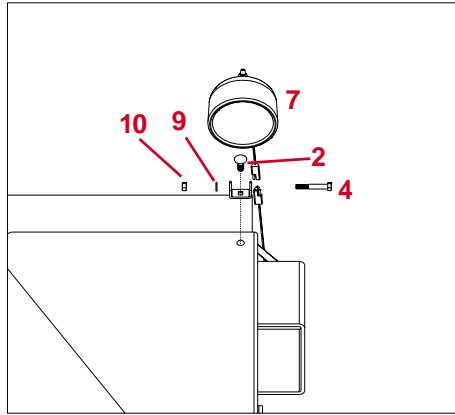


REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	05198	2	Rubber Coupler Cover (Black)
-	12677	2	Rubber Coupler Cover (Red)
-	12678	2	Rubber Coupler Cover (Yellow)
2.	05197	6	Hydraulic Quick Coupler
3.	05831	6	1/2" MPT x 3/8" FPT Reducer
4.	05840	2	1/4" x 84" Hydraulic Hose
5.	00914	3	3/8"-16 UNC x 1-1/2" Hex Head Bolt (Gr.5)
6.	02592	3	3/8"-16 UNC Nylon Insert Locknut
7.	09171	4	1/4" x 16' Hydraulic Hose
8.	05191	1	1/4" x 36" Hydraulic Hose (Not Shown)
9.	03743	2	.041" Hydraulic Swivel Restrictor
10.	05215	2	3/8" MPT x 3/8" FPT Elbow Fitting

Please order replacement parts by **PART NO.** and **DESCRIPTION**.
Painted Parts are available in Red or Green. Add -10 behind the part number for red and -20 behind the part number for green.

REF. NO.	PART NO.	QTY.	DESCRIPTION
11.	09217-30	2	Hose Keeper (4 Hose)
12.	03547	1	5/16"-18 UNC X 2-1/4" Hex Head Bolt (Gr.5)
13.	07732	1	5/16"-18 UNC Nylon Insert Locknut
14.	07582	1	Pilot Operated Check Valve
15.	12374	2	3/8" JIC Bulkhead Elbow Fitting (45°)
16.	05195	2	Str. Hyd. Fitting, .375 MPT
17.	05243	4	Str. Hyd. Fitting W/O-Ring
18.	09930-30	1	2-1/2" Cylinder
19.	09218-95	3	Hose Keeper (2 Hose)
-	5584	-	Hydraulic Cylinder Seal Repair Kit (not shown)
20.	00523	2	3/8" x 1 1/4" Hex Head Bolt Gr. 5
21.	00060	2	3/8" Lockwasher
22.	09950	2	Union, .563 M 2x
23.	12556	2	1/4" x 420" Hydraulic Hose
24.	11143	2	90° Elbow, 6 O-Ring x Male 6 JIC
25.	12522-30	1	1 1/5" x 8" Stroke Hydraulic Cylinder
26.	05192	2	1/4" x 60" Hydraulic Hose
27.	05190	1	1/4" x 48" Hydraulic Hose

LIGHTING PARTS AND ASSEMBLY

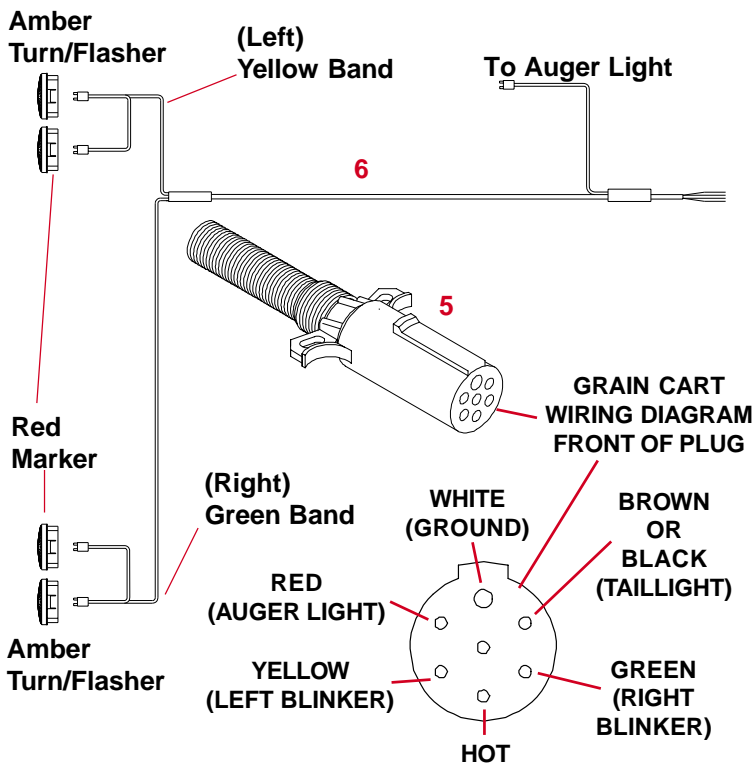


REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	07278	2	Conspicuity Tape
2.	06925	1	5/16" x 1" Carriage Bolt
3.	10032	1	Left Dual Ag Light
--.	10033	1	Right Dual Ag Light
4.	02103	1	5/16 x 2" Hex Head Bolt
5.	07416	1	7-Way Male Plug Connector
6.	10608	1	Wiring Harness
*7.	09437	1	Auger Light Kit W/Two Prong Connector
8.			
9.	00036	2	5/16" Spring Lockwasher
10.	00007	2	5/16" Hex Nut
11.	00336	8	1/4" 1-1/4" Hex Head Bolt
12.	00062	8	1/4" Nylon Insert Locknut
13.	04508	4	Amber Reflective Sticker
--.	04804	4	Red Reflective Sticker

*#7 (09437) includes item #'s 2, 4, & 9 along with the light and mount
Please order replacement part by PART NO. and DESCRIPTION.
Painted Parts are available in Red or Green. Add -10 behind the part number for red and -20 behind the part number for green.

INSTALLING THE LIGHT KIT

1. Start wiring the lights as shown in the drawing and the wiring schematic. Secure the Light Harness (#6) to the frame using nylon hose ties. Next Attach the lights to the fenders. With the amber light to the outside of the grain cart and the side with the amber and red light facing the rear of the grain cart, use eight 1/4" x 1-1/4" hex bolts (#11) and eight 1/4" nylon insert locknuts (#12) to attach the lights.
2. When connecting the wire harness (#6) to the front (male tractor) plug (#5) follow the wire schematic as follows: Brown wire to the Red braking marker lights, Yellow wire to the left turning marker light, Green wire to the right turning marker light, and White wire to the ground. Proceed wiring the lights as shown in the drawing and the wiring schematic.

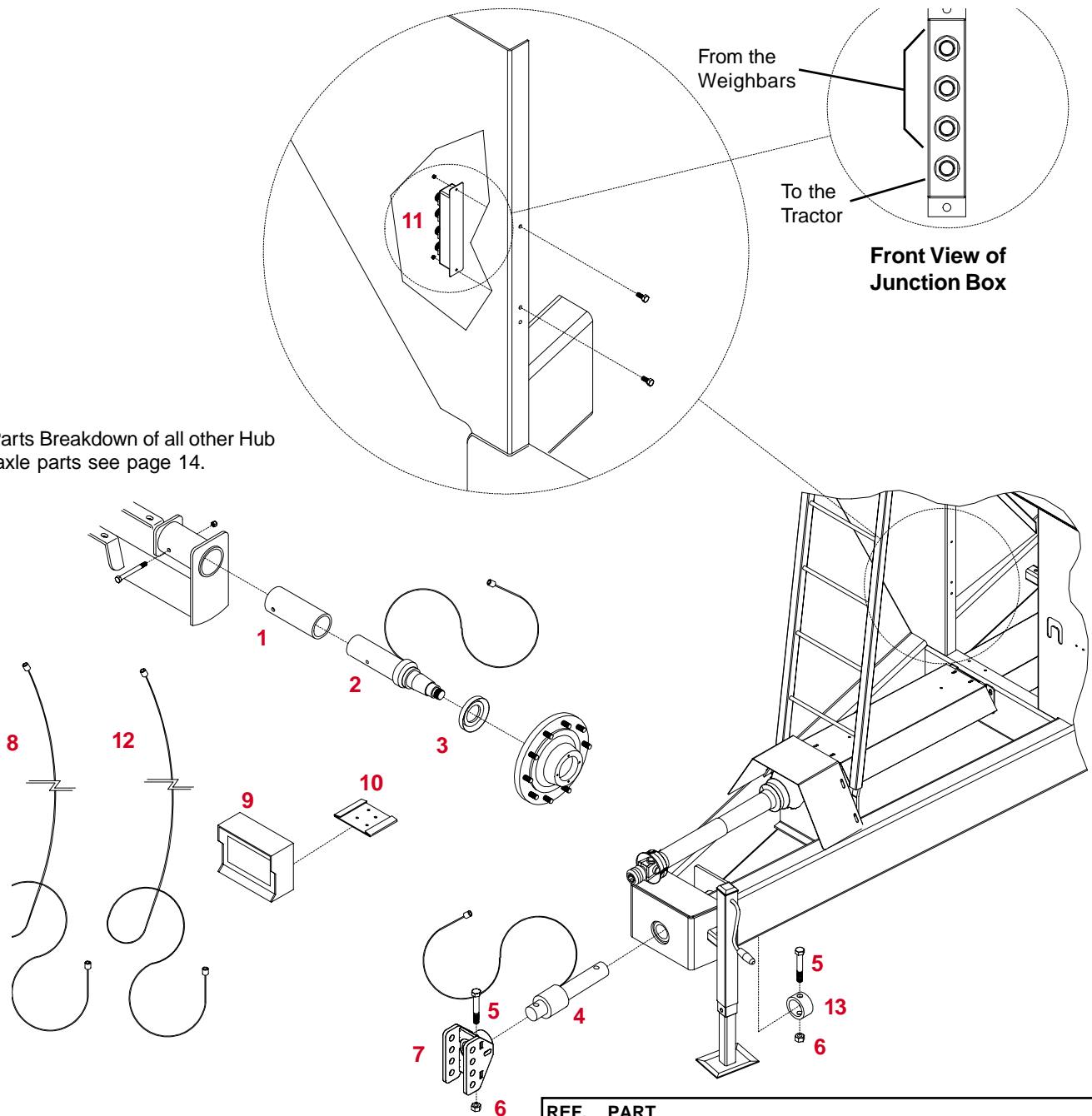


Plug pin location may vary depending on tractor.

NOTE: Connect the wires to the tractor plug in, make sure all lights are in correct working order. When working correctly behind a tractor, the amber lights are the flashing warning lights and the turn signals.

SCALE OPTION PARTS BREAKDOWN

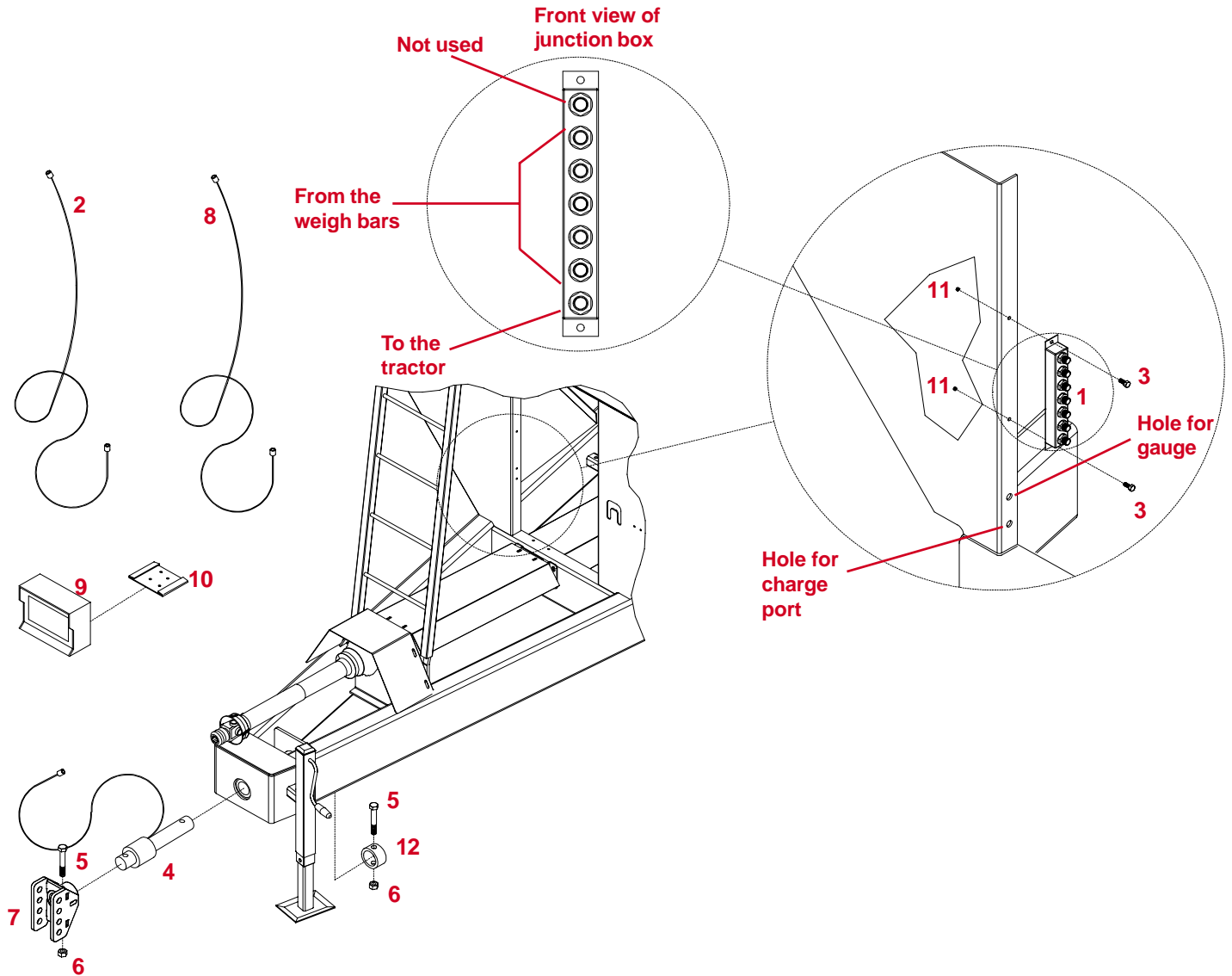
For Parts Breakdown of all other Hub and axle parts see page 14.



REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	09410	2	Spindle Insert
2.	12260	2	Spindle with 21' Wire Harness
3.	09442	2	Grease Seal
4.	12263	1	Hitch Scale with 10' Wire Harness
5.	11698	2	7/8" x 5 1/2" Hex Head Bolt Gr. 8
6.	10678	2	7/8" Nylon Insert Locknut
7.	10813-30	1	Hitch Assembly
8.	09441	1	8' Power Cord Harness
9.	12258	1	640M Scale Monitor
-	12259	1	640M Scale Monitor w/ printer port
10.	09440	1	640M Scale Bracket
11.	12257	1	Junction Box for 640M Scale unit
12.	12264	1	25' Junction Box to Console Harness (640M)
13.	12375-30	1	Hitch Stop Collar (Black)

Please order replacement parts by PART NO. and DESCRIPTION. Painted Parts are available in Red or Green. Add -10 behind the part number for red and -20 behind the part number for green.

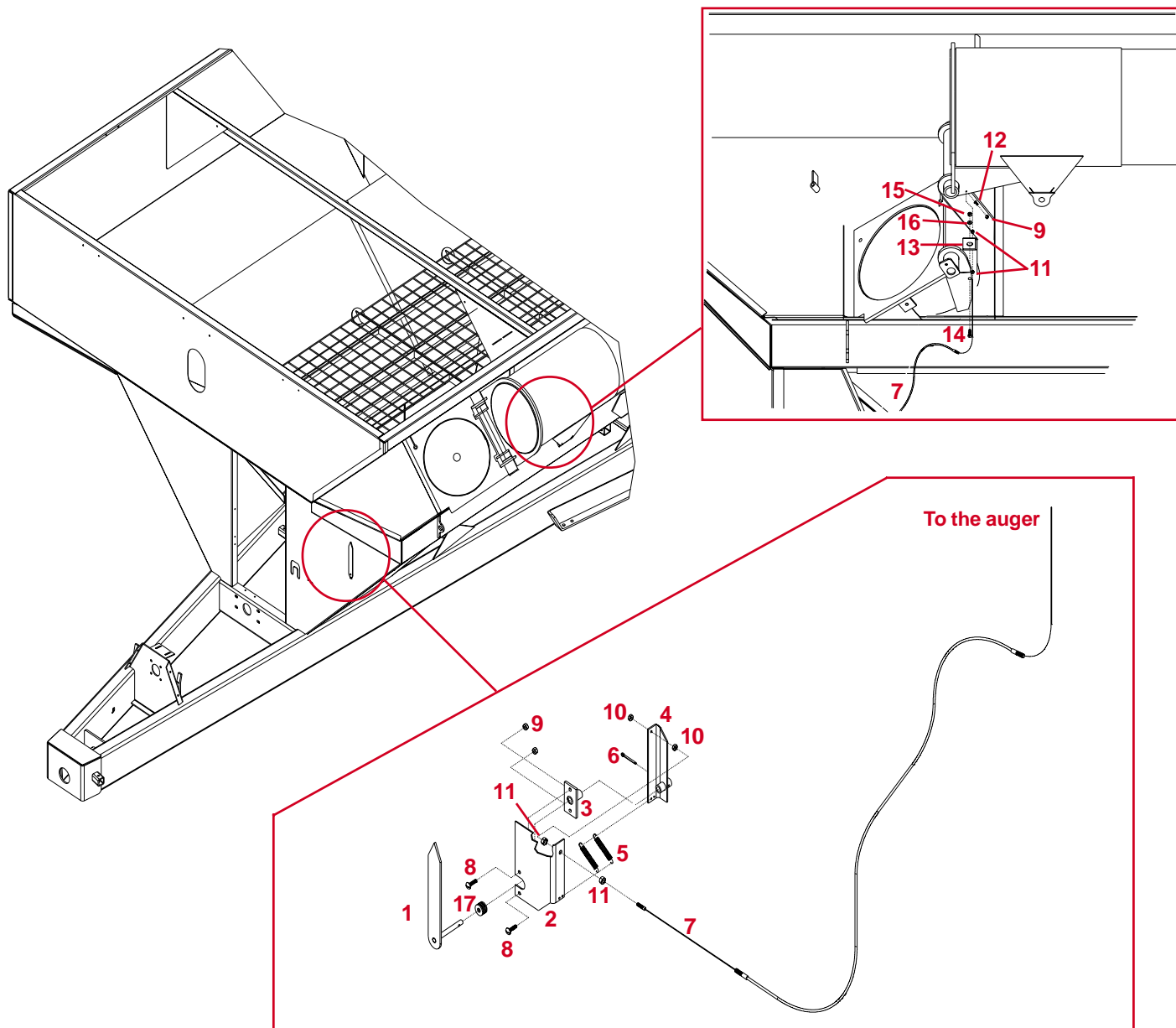
TRACK SCALE PARTS BREAKDOWN



REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	10941	1	Junction Box
2.	10942	1	8' Junction Box to Tractor Cable
3.	01263	2	5/16" NC X .75" Hex Head Bolt (Gr. 5)
4.	10806	1	Hitch Scale
5.	11698	2	7/8" x 5 1/2" Hex Head Bolt Gr. 8
6.	10678	2	7/8" Nylon Insert Locknut
7.	12346-30	1	Hitch Assembly
8.	09441	1	8' Power Cord Harness
9.	10943	1	Scale Monitor (Model 615)
10.	09440	1	Scale Bracket
11.	02802	2	5/16" Nylon Insert Locknut
12.	12375-30	1	Hitch Stop Collar

Please order replacement parts by **PART NO.** and **DESCRIPTION.**

FOLDING AUGER DIAL INDICATOR PARTS BREAKDOWN



REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	10658-30	1	Pointer Assembly
2.	10659-30	1	Dial Indicator Plate
3.	10660-30	1	Pointer Mounting Plate
4.	10661-30	1	Pointer Bracket
5.	10673	2	Tension Spring
6.	00116	1	5/32" x 1-1/2" Cotter Pin
7.	10080	1	Cable For Pointer
8.	04054	2	1/4"-NC X 3/4" Slotted Round Head Bolt
9.	02772	3	1/4" Nylon Insert Locknut
10.	03267	2	#10-32 Hex Nut
11.	10466	4	5/16"-NF Hex Nut
12.	11010	1	Cable End Bolt
13.	10667-30	1	Cable Mount For Auger
14.	00914	1	3/8"-NC X 1.50" Hex Head Bolt (Gr. 5)
15.	02592	1	3/8" Nylon Insert Locknut
16.	00059	1	3/8" Flatwasher
17.	04633	7	3/8" Flatwasher (stainless steel)

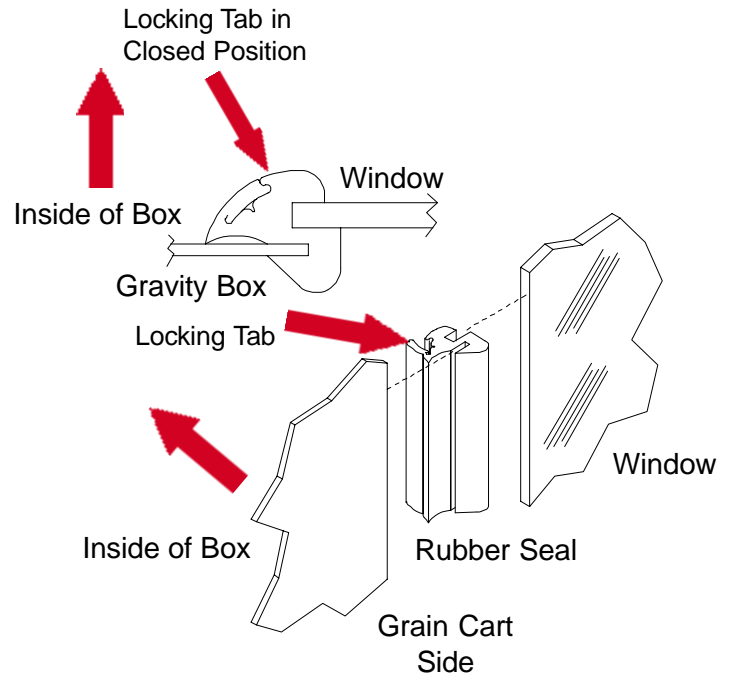
Please order replacement parts by **PART NO.** and **DESCRIPTION.**

WINDOW INSTALLATION

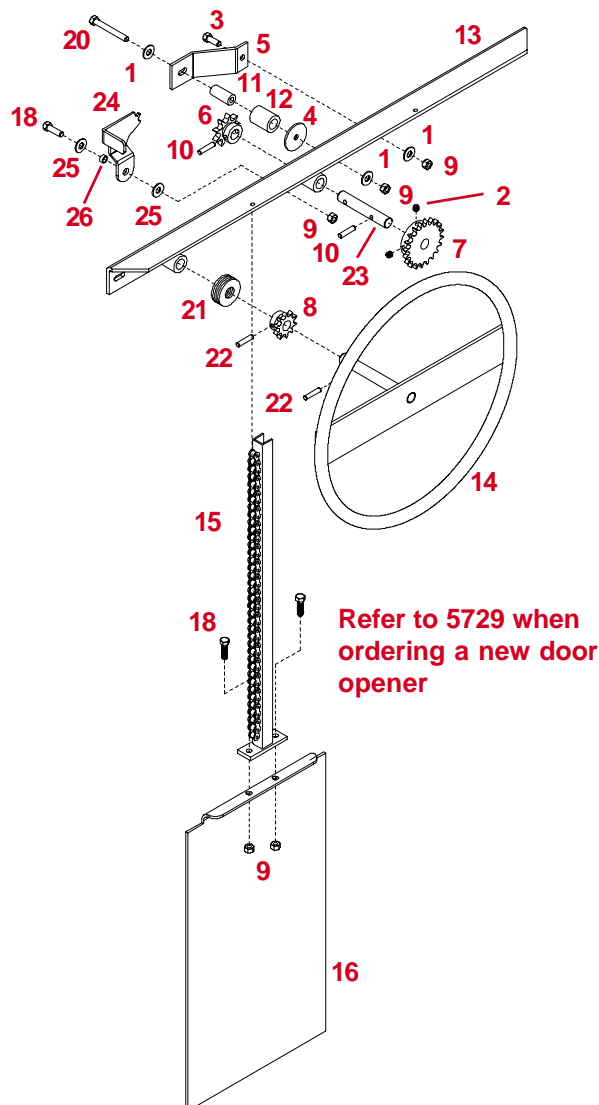
INSTALLATION PROCEDURE

The installation must be done from inside the box.

1. Place rubber molding in opening. Seam should begin on side of opening.
2. Remove the protective sheeting from both sides of the plastic window.
3. Slide window into groove in molding. Use a flat blade screwdriver to get molding seated correctly. Using soapy water will aid in installation.
4. Using the flat blade screwdriver, press in the locking tab.



OUTER DOOR LIFT ASSEMBLY

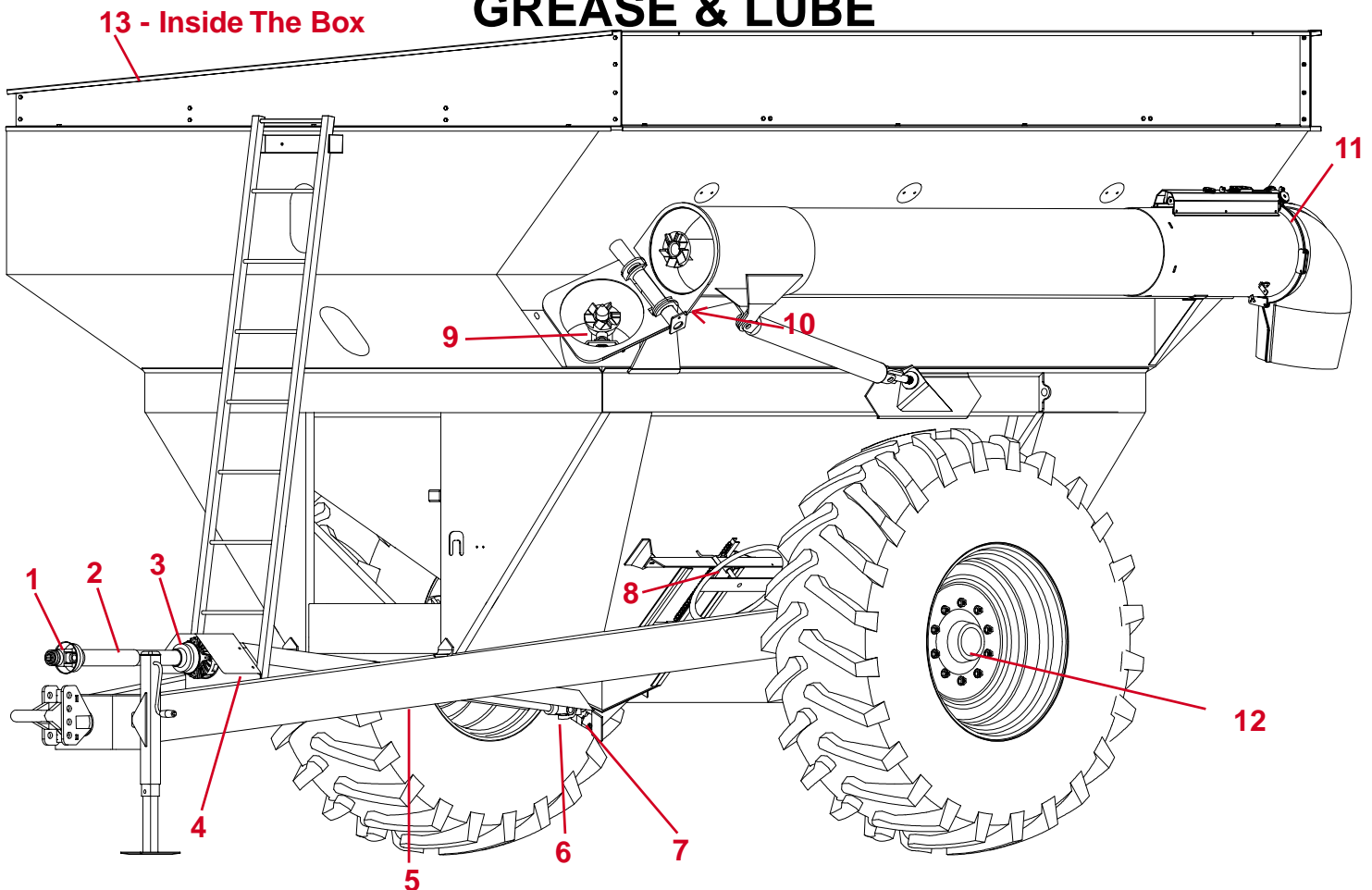


REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	00059	2	3/8" Flatwasher
2.	00789	1	3/8" x 3/8" Set Screw
3.	00907	1	3/8" x 1 Hex Bolt (Gr.5)
4.	01113	1	Washer 2 OD x 3/8" ID
5.	01243-30	1	Roller Brace Bracket
6.	01332	1	Sprocket 50B9
7.	02026	1	20 Tooth Sprocket
8.	02028	1	10 Tooth Sprocket
9.	02592	3	3/8" Locknut
10.	02849	2	5/16" x 1-13/8" Roll Pin
11.	05363	1	Bushing 3/4"OD x 3/8"ID x 1-11/16" long
12.	05364	1	Bushing 1-1/4" x 3/4"ID x 1-5/8" long
13.	11525-30	1	Door Lift Mount
14.	10629-30	1	Door Lift Wheel
15.	10637-30	1	Door Lift Channel
16.	10620-30	1	Lower Door
17.	10644	1	Roller Chain (Not Shown)
18.	00523	2	3/8" x 1-1/4" Hex Bolt (Gr.5)
19.	04642	2	Grease Zerk (Not Shown)
20.	02166	1	3/8" x 2 3/4" Hex Bolt (Gr.5)
21.	02534	5	.75 Washer
22.	03096	2	1/4" x 1 1/4" Roll Pin
23.	10632	1	Shaft
24.	11412	1	Latch
25.	00004	2	5/16" Flatwasher
26.	11414	1	Bushing

INSTALLATION PROCEDURE

1. Start by attaching the lower door (#16) to the lift channel (#15) using two 3/8" x 1-1/4" bolts (#18) and two 3/8" nylon insert locknuts (#9). Leave bolts loose at this time.
2. Next assemble the door lift mount (#13) as shown. Leave the bolts loose at this time. After this is assembled, slide the lower door and lift channel into place on the grain cart. Slide the assembled lift mount over the lift channel and bolt into place using two 3/8" x 1-1/4" bolts (#18), two 3/8" flatwashers (#1), and two 3/8" locknuts (#9). Now tighten all the bolts.

GREASE & LUBE



Reference numbers **#1 -#3 -#6** Are U-Joints -- Check and grease regularly.

Reference number **#2** - Is a Telescoping P.T.O. Shaft with two slots in housing -- Fully extend P.T.O. Shaft, then place one or two pumps of grease in each slot.

Reference numbers **#4 -#5** Are fixed self centering sealed bearings -- Do not over grease sealed bearings.

Reference number **#7** - Auger gear box is filled with 80-90 gear lube -- To check gear box find inspection allen plug. Turn out plug. Gear lube should just start to run out. If low fill until gear lube just starts to run out. Should be about 24-26 oz. of 80-90 gear lube. **DO NOT OVER FILL!!!** When gear box is full be sure to replace inspection plug.

Reference number **#8** - Is a bushing for the turn handle of the door lift assembly -- Inspect and grease as needed.

Reference numbers **#9 - #11** - Are fixed sealed bearings -- Do not over grease sealed bearings.

Reference number **#10** - Is the hinge for the outer tube. There are two zerks in this area -- Inspect and grease as needed.

Reference number **#12** - Is the axle hub with inner and outer bearings and races -- Inspect regularly, pack bearing and replace inner wheel seal as needed.

Reference number **#13** - Is four bushings on the inner door. There are four grease zerks on this door--Inspect and grease every 20 hours. **Also Lube the guide rods with a good lubricant at this time.**

NOTE. Grease all zerks before each use or when needed with a good quality lubricant. **Do Not** over grease sealed bearings. Over greasing sealed bearing will damage seals. Once a season is generally sufficient.

GRAIN CART CHECKLIST:

Downtime in the fields caused by field breakdowns is costly and time consuming. Many breakdowns can be eliminated by periodic equipment maintenance. By spending a little time running over this checklist, following proper after-season care, you can save time and money later on.



WARNING: To Prevent Serious Injury Or Death

- Make sure ALL guards and shields are in place.
- Keep hands, feet, and loose clothing away from rotating parts.

Before Going To The Field :

1. HYDRAULIC HOSES

- Check all hoses for worn or soft spots.
- Check to make sure hoses are not kinked or pinched.
- Check for leakage in any of the lines and cylinders.

2. REPLACEMENT PARTS

- Replace all worn or damaged parts.

3. VISUALLY INSPECT

- Inspect tires for cracks and worn spots.
- Inspect inside of Grain Cart, make sure that all guards are in place and in good shape. Be sure auger is free from any obstructions.
- Inspect for any loose bolts, worn parts, or cracked welds, and make any necessary repairs.

4. CHECK

- Tires for proper inflation.
- Lug nuts for proper torque.
- Lights for proper operation.
- Oil level in gearbox.
- Zerk locations, and grease as needed.
- All guards and shields. Replace or repair if necessary to insure proper protection.

After Season Care:

Open inner slide gate and grease the slide rods. Open outer door to allow box to drain.

Keep auger folded back during storage.

Grease all zerk locations (see page 19 for maintenance locations).

Repack wheel bearings before storage.

Inspect tires for puncture holes or any other type of leak and repair as needed.

Tire Inflation Chart

GRAIN CART APPLICATION	TIRE SIZE	PLY	MAXIMUM TIRE PSI.
950 Bushel Diamond Tire	30.5L x 32	12	26 psi.
950 Bushel Diamond Tire	30.5L x 32	24	psi.
950 Bushel Diamond Tire	35.5L x 32	20	34 psi.
Duals 950 Bushel Lug Tire	520/85R38	14	29 psi.



Warranty Registration

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www.demco-products.com

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	Very Satisfied	Satisfied	Dissatisfied	Very Dissatisfied
How satisfied are you with our product?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How satisfied are you with the dealership/distributor sales staff?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dealer/Distributor Name _____ City _____ State _____				
How satisfied are you with the company sales staff?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How satisfied are you with the delivery?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did you have any contact with a Demco Representative?	YES	NO		
If YES , how satisfied were you?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would recommend this product to my family and friends.	YES	NO		
Would you purchase again from DEMCO?	YES	NO		
Since taking delivery, have you been contacted by the dealer?	YES	NO		
Did you have any problems with this DEMCO product?	YES	NO		
If YES , are you satisfied with the company's resolution of your problem?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why did you purchase this product? _____				
Please list the specific source of information prompting this purchase. _____				
After purchasing this product, do you see any needed product improvement? _____ If yes, what improvement? _____ _____				
What other products would you like to see DEMCO offer? _____ _____				
Comments _____ _____				
Owner's Name: _____ Mailing Address: _____				
City: _____ State: _____ Zip Code: _____				
Model#: _____				
Serial #: _____				
Purchase Date: _____				
Owner's Signature: _____				

Please return to DETHMERS MFG. CO. By FAX or tri-folding this form to the backside, it is pre-addressed.

Postage

*Dethmers Manufacturing Company
4010 320th Street, Box 189
Boyden, Iowa 51234*

NOTES:



DETHMERS MFG. COMPANY

P.O. BOX 189

4010 320th St., BOYDEN, IA. 51234

PH: (712) 725-2311

FAX: (712) 725-2380 or 1-800-845-6420

TOLL FREE: 1-800-54DEMCO (1-800-543-3626)

www.demco-products.com